Day: 23 Plannig the Technical Journatation. Technical Requirements 3 Frontend Requirents. Resposive Designs. The pronlend must-be mobile-friendly and adapt Seamlessly accross Various devices (dislop, tablet, mobiles). *User-Triendly Interface :- intilive navigation with Clear Product- Calegorization Search Junctionality, and easy Checkout-Process. · Performance Optimization: fait loading times, minimal page, redirects, and efficient resource management to experience:

Sanity CMS (Backend) · Product: Store Product name, Price,
clescription, Variants, Stock and image.

Order: Track Order ID, Customers
details, Product info, and Order
Status: · Customer Dola? Store customer name, emcile Shipping address, and Order history? third APINS:intégraled Api por. 1 Payment Galeway API intégrale Third-parly Apris like stripe or Paypal jor secure ordine transactions. 2 Delivery Zone APII use APII like Shipping sales and manage delivery Tower-

Plan for API endpants >-2 Product :-Method: Get Description: Retrieve a list of all furnilise Product-: Example 3-] Id 12, "Name": "Wooden Dining lable",
"Calegory": "Dining",

"Price": 250,00, "A Sludy wood dining Toeble eville & 6 Chairs." "Description" ? "wad" Malerial? "Image" ? "Url to image"

Customer? Method ? Post Description : Register a new cuistomer treamplesscanges

!" Name" :

" Email" :

" Phone" : "Hadiqa",
"abc65@gmail.Com",
123456789, " Shipping achiess à "City", House, Strelt," 3 Checkout-2 Method? Post-Descriptions- Process Payment- and Junitize the orders-

trample 2 l'"Customes id" ? "Criclit-card", "Payment Method" ? "Carol Delails": }
"Carol Number" ? 413110111; Expluy Dale 2 12/25, "Order ID": 98, Shipping Adress : "ABC" Write he Technical decumentation 1 System Architecture Documents-Components 2-2 Frontends-Provides the user interface for browsing Product, manage, carls and processing order

handles authentication Order Processing and API Communication Built using node-js. 3 Backend 3-4 Dala Bases - Stone userdala Product-information, Order and translaction history 2history 2-Inventory managements and Shifping Ingegrationsworkflows -Step 2 2 user login/Registercition Customers Creale account or login. Slip 2; user Search and browse products. Slip 3; user add items to the cart and Complete Checkout Stef 4 & Secure Payment via Mird Party Slifs 3 Order is Shiffing with tracking information Provided.

API Documentions Product + (Get) Réterive Product détails. Order 3 (Post) Track order Status. Checkout-3-(Post) Process payment a Finilize the Orders Sanily Schema 3-Product frelds? Ville : String Description : Text Price ? Number Image: Image Calegory: Reference (to product Cale

Order failels 3 users Reference (to user) Products & Assay (of Product references)
total Amount & Number Stalus 3 String Shipped Adress 3 Object.

Design System Architectures [User] Fronlend Next-gs Banily cms Backend Payment galeury Product API Shippment API Dalabase